

Docket No.: 071971-0637

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277  
Shunsaku MURAOKA, et al. : Confirmation No.: Not Yet Assigned  
Application No.: Not Yet Assigned : Group Art Unit: Not Yet Assigned  
Filed: June 16, 2006 : Examiner: Not Yet Assigned

For: METHOD FOR INITIALIZING RESISTANCE-VARIABLE MATERIAL,  
MEMORY DEVICE CONTAINING A RESISTANCE-VARIABLE MATERIAL, AND  
METHOD FOR INITIALIZING NONVOLATILE MEMORY CIRCUIT INCLUDING  
VARIABLE RESISTOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of

the above identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37 CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

Since the Search Report was from the EPO search authority, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

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**Date: June 16, 2006**

SHEET 1 OF 1

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (PTO-1449)				ATTY. DOCKET NO. <b>071971-0637</b>	SERIAL NO. <b>Not Yet Assigned</b> <b>10/583518</b>	
				APPLICANT <b>Shunsaku MURAOKA, et al.</b>		
				FILING DATE <b>June 16, 2006</b>	GROUP <b>Not Yet Assigned</b>	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sub>2</sub> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US	6,204,139 B1	03-20-2001	LIU SHANGQING ET AL		
	US	6,473,332 B1	10-29-2002	IGNATIEV ALEX ET AL		
	US	2003/003674 A1	01-02-2003	HSU SHENG TENG ET AL		
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<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number +-Kind Codes ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes No
		EP 1 418 592 A	05-12-2004	SHARP KABUSHIKI KAISHA		
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		LIU S Q, et al., "Electric-pulse-induced reversible resistance change effect in magnetoresistive films," Applied Physics Letters, May 8, 2000, pp 2749-2751, American Institute of Physics, New York				
		ROZENBERG M J, et al., "Nonvolatile memory with multilevel switching: A basic model," Physical Review Letters, April 30, 2004, pp 178302-1-178302-4, Vol. 92, No. 17				
EXAMINER			DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.